

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\  
 Data File : VU039344.D  
 Acq On : 08 Jul 2020 14:03  
 Operator : SY/MD  
 Sample : L3193-12DL 10X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4277DL

Quant Time: Jul 09 02:50:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 09 02:29:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 116787   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 110688   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 53883    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 31056    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 33493    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 48124    | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 161176   | 52.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.08% |
| 24) Chloroform-d               | 5.09   | 84    | 70803    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 44911    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.75   | 84    | 136686   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 48103    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.80% |
| 41) Toluene-d8                 | 7.91   | 98    | 121940   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.60% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19555    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 118635   | 48.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.76%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 42645    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 47997    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.80%  |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|------------------------------|------|------|----------|--------|--------|--------|
| 5) Vinyl chloride            | 1.61 | 62   | 15856    | 1.665  | ug/L # | 81     |
| 13) Acetone                  | 2.66 | 43   | 4309     | 2.578  | ug/L   | 88     |
| 17) Methyl tert-butyl Ether  | 3.39 | 73   | 24325    | 1.111  | ug/L   | 99     |
| 18) trans-1,2-Dichloroethene | 3.38 | 96   | 3568     | 0.464  | ug/L   | 85     |
| 19) 1,1-Dichloroethane       | 3.89 | 63   | 2866     | 0.191  | ug/L # | 79     |
| 21) 2-Butanone               | 4.74 | 43   | 29620    | 9.927  | ug/L   | 99     |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96   | 92844    | 10.768 | ug/L   | 97     |
| 33) Benzene                  | 5.80 | 78   | 2738     | 0.083  | ug/L   | 100    |
| 34) Trichloroethene          | 6.56 | 95   | 2424     | 0.283  | ug/L   | 96     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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